VASILE ANDREI POPAN

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Computer Engineering student passionate about applying Artificial Intelligence, Data Science, and Cybersecurity to real-world problems. Active member of the 0xd3c0d3 Group at Deusto, participating in hackathons and collaborative tech projects. Focused on continuous learning and building impactful solutions through hands-on development.

EDUCATION

Bachelor's in Computer Engineering   **Sept 2023 – Expected Jun 2027**
University of Deusto | Bilbao, Spain

Technologic High School Graduate   **Sept 2021 – May 2023**
Lea-Artibai Ikastetxea | Markina-Xemein, Spain

SKILLS

- **Programming languages:** Python, Java, HTML and CSS
- **Databases:** MySQL, SQLite and MongoDB
- **Data & AI Tools:** Pandas, NumPy, FastAPI
- **Development tools:** Git, GitHub, Linux
- **Professional Skills:** Teamwork, problem solving, communication
- **Languages:** English (fluent), Spanish (fluent), Romanian (fluent), Basque (fluent)

PROJECTS & EXTRACURRICULAR ACTIVITY

NASA Space Apps Hackathon 2025 – Exoplanet Detection Challenge
Team Project | AI, Machine Learning and Web Development

- Developed an AI/ML-powered web platform that detects exoplanets from open-source datasets such as NASA's Kepler dataset.
- Implemented two modes:
    - Didactic Mode: Enables students and the public to explore how exoplanet detection works through interactive visualizations.
    - Professional Mode: Allows researchers to upload and analyze real light curve datasets with our trained model.
- This project bridges scientific research and public education, making exoplanet discovery accessible and accurate.

HackUPC 2024 – Skyscanner Challenge
Team Project | Use of APIs and Web development

- Developed a web app that helps users find travel destinations based on preferences, budget, and sustainability.
- Focused on frontend and API integration.

0xd3c0d3 Group – University of Deusto
Student Association | Cybersecurity and Tech Education

- Participate in Capture the Flag (CTF) competitions on cryptography, web security and digital forensics.
- Help organize summer schools and technical workshops on cybersecurity and software development.

IT Assistant – InfoGaur (Markina-Xemein)
Part-time Technical Support | 2023-24

- Provided tech support, managed repairs and assisted customers with hardware/software issues.
- Gained practical experience with client communication.

ACHIEVEMENTS

Creation! Innovation and entrepreneurship
University of Deusto (February. 2024 - May 2024)

C1-English Annual Course
University of Deusto (October 2024 – June 2025)

IBM Data Science Professional Certificate
Coursera / IBM Skills Network (in progress)